



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

TM31/1001

HOLLAND & KNIGHT  
SUITE 2300  
400 N ASHLEY DRIVE  
TAMPA FL 33602

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/330,858	06/11/99	044	CHOULES, J 2177	10/01/01
First Named Applicant	LAYSON,	35 USC 154(b) term ext. =	0 Days.	

TITLE OF INVENTION SYSTEM TO CORRELATE CRIME INCIDENTS WITH A SUBJECT'S LOCATION USING CRIME INCIDENT DATA AND A SUBJECT LOCATION RECORDING DEVICE

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 3956.001	707-100.000	M78	UTILITY	NO	\$1240.00	01/02/02

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

**I. Review the SMALL ENTITY status shown above.**

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

**II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.**

**III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.**

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

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**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

09/330,885

11/11/99

LAVERNE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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HOLLAND & KNIGHT  
SUITE 2300  
400 N ASHLEY DRIVE  
TAMPA FL 33602

TM31/1001

EXAMINER  
CHODURA, Y

ART UNIT 217

PAPER NUMBER

DATE MAILED:

10/01/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

# Notice of Allowability

Application No.

09/330,858

Applicant(s)

Layson et al.

Examiner

Jack M. Choules

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--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/28/2001.
2. ☒ The allowed claim(s) is/are 1-34 and 45-54.
3. ☐ The drawings filed on \_\_\_\_\_ are acceptable as formal drawings.
4. ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION.** This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.136(a).

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. ☐ Applicant MUST submit NEW FORMAL DRAWINGS
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
- (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the examiner.
- (c) ☐ including changes required by the attached Examiner's Amendment/Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Informal Patent Application (PTO-152)
3. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
4. ☐ Interview Summary (PTO-413), Paper No. \_\_\_\_\_
5. ☒ Information Disclosure Statement(s) (PTO-1449), Paper No(s). 5
6. ☐ Examiner's Amendment/Comment
7. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other

JACK CHOULES  
PRIMARY EXAMINER

#9C  
10/1/01  
A.W.

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## DETAILED ACTION

### III. DETAILED ACTION

#### *Examiner's Amendment*

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. In accordance with MPEP 1302.4 which permits "correction" of "obvious informalities in the application", the application has been amended as follows:

Claim 46, line 1, "Claim 35" has been changed to --claim 45--.

Claim 47, line 1, "Claim 35" has been changed to --claim 45--.

Claim 48, line 1, "Claims 35, 36 or 37" has been changed to --claims 45, 46, or 47--.

Claim 49, line 1, "Claims 35, 36 or 37" has been changed to --claims 45, 46, or 47--.

Claim 50, line 1, "Claims 35, 36 or 37" has been changed to --claims 45, 46, or 47--.

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Claim 51, line 1, "Claims 35, 36 or 37" has been changed to  
--claims 45, 46, or 47--.

Claim 53, line 1, "Claims 35, 36 or 37" has been changed to  
--claims 45, 46, or 47--.

Claim 54, line 1, "Claims 35, 36 or 37" has been changed to  
--claims 45, 46, or 47--.

***Claims Presented***

3. Claims 1-34, 45-54 are presented for examination.

***Allowable Subject Matter***

4. Claims 1-34, 45-54 are allowed.

5. The following is an examiner's statement of reasons for allowance: Regarding claims 1-34, 45-54, such particular means for locating the subject are not taught by the prior art. The means is described generally at pages 24-59 of the specification. Of particular interest are Figures 1, 3, 5-9 and the descriptions accompanying the figures. As noted at page 39, the means have the use of FPGA using such particular software libraries. As noted at pages 53-59, the means uses such particular operation by software which uses (among others) a correlation computer with such particular correlation database.

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6. What is meant by a correlation database? Surely, this does not refer to the literal meaning of correlation (which would mean that this is a database of correlations among data factors -- the literal meaning of "correlation" refers to a number between zero and one that gives a numerical indication of how close the two data factors are matched). Pages 53-59, among others, define such correlation database (which is recited, among others, in claims 45-54) to have such characteristics so as to be used with such particular means described at pages 24-29 of the specification. For example, regarding claim 1 in particular, such particular system for correlating crime incidents with the location of a subject, comprising in combination: crime incident data containing information about the location and time of at least one crime; subject location data containing information about the locations at various times of a plurality of subjects; correlation computer including a correlation database; means for supplying said crime incident data to said correlation database of said correlation computer; means for supplying said subject location data to said correlation database said correlation computer; said correlation computer including means for correlating said crime incident data and said subject location data to determine if each of said subjects are likely suspects of

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said crime based upon whether each of said subjects were proximate to said location of said crime at said time of said crime is not taught or suggested by the prior art.

***Conclusion***

7. The art made of record and not relied upon is considered pertinent to applicant's disclosure. The art disclosed general background.

***Points of Contact***

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

9. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

or faxed to:

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(703) 308-9051, (for formal communications intended for entry)

Or:

(703) 305-9731 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II,  
2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

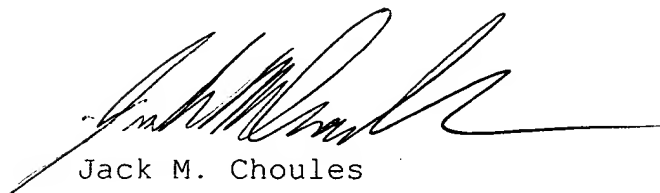
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack M. Choules whose telephone number is (703) 305-9840 or John Breene whose telephone number is (703) 305-9790.



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Jack M. Choules

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Primary Patent Examiner

September 29, 2001